

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S78 and control5	USPAT	OR	OFF	2005/12/12 17:42
		S46 and control5	USPAT	OR	ON	2006/05/04 17:28
L2	4044	"180"/5.ccls. and ((traction or ratio) with (tire or wheel))	USPAT	OR	OFF	2008/12/08 13:22
L3	1425	"180"/5.ccls. and ((traction or ratio) adj3 (tire or wheel))	USPAT	OR	OFF	2008/12/08 13:22
L4	2	"180"/5.ccls. and ((traction adj4 ratio) adj4 (tire or wheel))	USPAT	OR	OFF	2008/12/08 13:23
S1	3	"180"/5.ccls. and 'traction ratio'	USPAT	OR	OFF	2005/02/21 23:38
S2	255	"180"/5.ccls. and (traction with ratio)	USPAT	OR	OFF	2005/12/12 03:51
S3	1	S2 and 180/65.5.ccls.	USPAT	OR	OFF	2005/02/21 23:41
S4	202	S2 and motor	USPAT	OR	OFF	2005/02/21 23:39
S5	79	S4 and (electric with motor)	USPAT	OR	OFF	2005/02/21 23:39
S6	33	"180"/5.ccls. and (traction adj4 ratio)	USPAT	OR	OFF	2006/08/21 13:35
S7	0	S6 and 180/65.5.ccls.	USPAT	OR	OFF	2005/02/21 23:42
S8	287	"180"/5.ccls. and ((traction adj4 ratio) or (slip adj4 ratio))	USPAT	OR	OFF	2005/03/06 18:37
S9	0	S8 and 180/65.5.ccls.	USPAT	OR	ON	2005/02/21 23:42
S10	161218	"8" and torque	USPAT	OR	OFF	2005/03/06 18:37
S11	287	"180"/5.ccls. and ((traction adj4 ratio) or (slip adj4 ratio))	USPAT	OR	OFF	2005/03/06 18:37
S12	241	S11 and torque	USPAT	OR	OFF	2005/03/06 18:38
S13	93	S12 and radius	USPAT	OR	OFF	2005/03/06 18:41
S14	0	S13 and (ratio near "0.5")	USPAT	OR	OFF	2005/03/06 18:43
S15	0	S13 and (ratio near "5.5")	USPAT	OR	OFF	2005/03/06 18:43
S16	0	S13 and (ratio NEAR "5.5")	USPAT	OR	OFF	2005/03/06 18:43
S17	0	S11 and (ratio NEAR "5.5")	USPAT	OR	OFF	2005/03/06 18:44
S18	0	S11 and (slip NEAR "5.5")	USPAT	OR	OFF	2005/03/06 18:44
S19	0	'traction ratio'	EPO; JPO; DERWENT	OR	OFF	2005/03/06 18:44
S20	19	'traction ratio'	EPO; JPO; DERWENT	OR	OFF	2005/03/06 18:45
S21	20	'traction ratio'	EPO; JPO; DERWENT	OR	ON	2005/03/06 18:47
S22	2586	((180/65.5) or (180/65.1) or (180/65.2)). CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/06 18:48
S23	55	S22 and ((traction or slip) with ratio) and motor and torque	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 19:27
S24	254	(180/65.5).CCLS.	USPAT	OR	OFF	2005/12/01 09:10
S25	367	(180/65.5).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/06 19:41
S26	47	S25 and ratio	USPAT	OR	OFF	2005/03/06 19:41
S27	51	S25 and ratio	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/06 19:28
S28	58	S25 and ratio	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 19:29
S29	55	S25 and (wheel and ratio)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 19:29

S30	23	S29 and (motor with torque)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 19:29
S31	0	("17and(tractionwithmotor)").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/06 19:41
S32	28	S25 and (traction with motor)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 19:42
S33	53	S25 and (radius)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 19:43
S34	9	S33 and ratio	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/06 19:45
S36	47	'traction ratio'	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/07 09:21
S37	7	(US-3897843-\$ or US-5368120-\$ or US-6528959-\$ or US-6540035-\$ or US-6549840-\$ or US-4534748-\$ or US-4493221-\$).did.	USPAT	OR	OFF	2005/03/07 08:39
S38	7	S37 and motor	USPAT	OR	OFF	2005/03/07 08:49
S39	1	S37 and (rotor or stator)	USPAT	OR	OFF	2005/03/07 08:52
S40	1	S37 and winding	USPAT	OR	ON	2005/03/07 08:50
S41	1	S37 and magnet	USPAT	OR	ON	2005/03/07 08:50
S42	10	180/65.5.ccls. and (electric with motor) and (rotor with magnet) and (stator with winding)	USPAT	OR	OFF	2005/03/07 09:00
S43	13	(US-3897843-\$ or US-5368120-\$ or US-6528959-\$ or US-6540035-\$ or US-6549840-\$ or US-4534748-\$ or US-4493221-\$ or US-6057617-\$ or US-5920136-\$ or US-5894902-\$ or US-5691584-\$ or US-5633544-\$ or US-5246082-\$).did.	USPAT	OR	OFF	2005/03/07 09:01
S44	12	S43 and shaft	USPAT	OR	OFF	2005/03/07 09:01
S45	1	S36 and (stator same control)	USPAT	OR	ON	2005/03/07 09:21
S46	14	(US-3897843-\$ or US-5368120-\$ or US-6528959-\$ or US-6540035-\$ or US-6549840-\$ or US-4534748-\$ or US-4493221-\$ or US-6057617-\$ or US-5920136-\$ or US-5894902-\$ or US-5691584-\$ or US-5633544-\$ or US-5246082-\$).did. or (US-20040084235-\$).did.	USPAT; DERWENT	OR	OFF	2005/03/07 09:23
S47	10	S46 and control	USPAT	OR	ON	2005/03/07 09:23
S48	10	S46 and control	US-PGPUB; USPAT	OR	ON	2005/03/07 09:23
S49	28	(US-3897843-\$ or US-5368120-\$ or US-6528959-\$ or US-6540035-\$ or US-6549840-\$ or US-4534748-\$ or US-4493221-\$ or US-6057617-\$ or US-5920136-\$ or US-5894902-\$ or US-5691584-\$ or US-5633544-\$ or US-5246082-\$).did. or (US-20040084235-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/03/07 09:23
S50	11	S49 and control	US-PGPUB; USPAT	OR	ON	2005/03/07 09:25
S51	2	S49 and (control with (winding or stator))	US-PGPUB; USPAT	OR	ON	2005/03/07 09:30
S52	32	180/65.5.ccls. and (control with (winding or stator))	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 09:31
S53	17	S52 and 'electric motor'	USPAT	OR	OFF	2005/03/07 09:31
S54	660	180/65.5	USPAT	OR	OFF	2005/09/06 13:36
S55	682	180/65.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/06 13:36
S56	426	(180/65.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/06 13:37

S57	32	S56 and (wheel with radius)	US-PGPUB; USPAT; USOCR; EPO, JPO, DERWENT	OR	OFF	2005/09/06 14:18
S58	0	S56 and (traction ratio)	USPAT	OR	OFF	2005/09/06 14:18
S59	1	S56 and (traction with ratio)	USPAT	OR	OFF	2005/09/06 14:19
S60	257	"180"/5.ccls. and (traction with ratio)	USPAT	OR	OFF	2005/09/06 14:19
S61	78	S60 and radius	USPAT	OR	OFF	2005/09/06 14:51
S62	72	S61 and torque	USPAT	OR	OFF	2005/12/01 09:09
S63	30	S61 and (torque same radius)	USPAT	OR	OFF	2005/12/01 09:10
S64	2	S61 and (arm with torque)	USPAT	OR	OFF	2005/09/06 15:13
S65	437	(180/(5.5).CCLS	US-PGPUB; USPAT; USOCR; EPO, JPO, DERWENT	OR	OFF	2005/12/01 09:10
S66	40	S65 and (torque and ratio)	USPAT	OR	OFF	2005/12/01 18:59
S67	50	(180/(5.5).CCLS	US-PGPUB	OR	OFF	2005/12/01 09:22
S68	0	("and(torquesamearm"))).PN.	USPAT	OR	OFF	2005/12/01 09:23
S69	4	S67 and (torque same arm)	US-PGPUB	OR	OFF	2005/12/01 09:49
S70	3	S67 and (static)	US-PGPUB	OR	OFF	2005/12/01 09:50
S71	0	S69 and (static)	US-PGPUB	OR	OFF	2005/12/01 09:50
S72	4	S69 and (rotor)	US-PGPUB	OR	OFF	2005/12/01 09:50
S73	437	(180/(5.5).CCLS	US-PGPUB; USPAT; USOCR; EPO, JPO, DERWENT	OR	OFF	2005/12/01 19:00
S74	83	S73 and (rotor and stator)	USPAT	OR	OFF	2005/12/01 19:00
S75	40	S73 and (torque and ratio)	USPAT	OR	OFF	2005/12/01 19:00
S76	21	S75 and (rotor and stator)	USPAT	OR	OFF	2005/12/01 19:00
S77	2	((("4799564") or ("5087229"))).PN.	USPAT	OR	OFF	2005/12/12 03:51
S78	23	(US-3608661-\$ or US-3897843-\$ or US-4493221-\$ or US-4534748-\$ or US-4650202-\$ or US-4752079-\$ or US-4799564-\$ or US-4963122-\$ or US-5087229-\$ or US-5246082-\$ or US-5368120-\$ or US-5540296-\$ or US-563544-\$ or US-5691584-\$ or US-5894902-\$ or US-5920136-\$ or US-6057617-\$ or US-6528959-\$ or US-6540035-\$ or US-6549840-\$).did. or (US-2258328-\$ or US-3163250-\$).did. or (US-20040084235-\$).did.	USPAT; USOCR; DERWENT	OR	OFF	2005/12/12 17:42
S79	15	S78 and control	USPAT	OR	OFF	2005/12/12 17:45
S80	11	S78 and (motor and rotor)	USPAT	OR	OFF	2005/12/12 17:45
S81	23	(US-3608661-\$ or US-3897843-\$ or US-4493221-\$ or US-4534748-\$ or US-4650202-\$ or US-4752079-\$ or US-4799564-\$ or US-4963122-\$ or US-5087229-\$ or US-5246082-\$ or US-5368120-\$ or US-5540296-\$ or US-563544-\$ or US-5691584-\$ or US-5894902-\$ or US-5920136-\$ or US-6057617-\$ or US-6528959-\$ or US-6540035-\$ or US-6549840-\$).did. or (US-2258328-\$ or US-3163250-\$).did. or (US-20040084235-\$).did.	USPAT; USOCR; DERWENT	OR	OFF	2005/12/13 08:39
S82	8	S81 and magnet	USPAT	OR	OFF	2005/12/13 09:20
S83	15	S81 and control	USPAT	OR	ON	2005/12/13 09:00
S84	17	S81 and shaft	USPAT	OR	ON	2005/12/13 08:46
S85	15	S81 and (control or controller or controlling or cpu)	USPAT	OR	ON	2005/12/13 09:00
S86	9	S81 and magnet	USPAT	OR	ON	2005/12/13 09:20

S87	651042	180/65.5 and 'electric motor'	USPAT	OR	OFF	2006/05/04 17:31
S88	280	(180/65.5).CCLS.	USPAT	OR	OFF	2006/05/04 17:31
S89	651026	S88 and 'electric motor'	USPAT	OR	OFF	2006/05/04 17:32
S90	155	S88 and (electric adj motor)	USPAT	OR	OFF	2006/05/04 17:32
S91	280	(180/65.5).CCLS.	USPAT	OR	OFF	2006/05/08 11:52
S92	155	S91 and (electric adj motor)	USPAT	OR	OFF	2006/05/08 11:52
S93	40	S92 and ratio	USPAT	OR	OFF	2006/05/08 11:45
S94	8	S92 and (ratio not gear)	USPAT	OR	OFF	2006/05/08 11:45
S95	60	S92 and (rotor and stator)	USPAT	OR	OFF	2006/05/08 11:52
S96	15	S95 not gear	USPAT	OR	OFF	2006/05/08 11:51
S97	14	S95 not gear	USPAT	OR	ON	2006/05/08 11:53
S98	444	(180/65.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 11:52
S99	155	S91 and (electric adj motor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 11:52
S100	225	S98 and (electric adj motor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 11:52
S101	60	S100 and (rotor and stator)	USPAT	OR	OFF	2006/05/08 11:53
S102	84	S100 and (rotor and stator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 11:53
S103	20	S102 not gear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/09 17:32
S104	0	("20040084235").JPN.	USPAT	OR	OFF	2006/05/09 14:54
S105	1	("20040084235").JPN.	US-PGPUB	OR	OFF	2006/05/09 14:54
S106	0	S105 and surface	USPAT	OR	OFF	2006/05/09 14:55
S107	1	S105 and surface	US-PGPUB	OR	OFF	2006/05/09 14:55
S108	17	"2561593"	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/10 11:34
S109	1	("5343128").JPN.	USPAT	OR	OFF	2006/05/10 11:34
S110	0	S109 and (stator and gap and rotor)	USPAT	OR	OFF	2006/05/10 11:34
S111	0	S109 and (gap and rotor)	USPAT	OR	OFF	2006/05/10 11:35
S112	1	S109 and (gap or rotor)	USPAT	OR	OFF	2006/05/10 11:35
S113	1	S109 and (gap or rotor or stator)	USPAT	OR	OFF	2006/05/10 11:35
S114	16	"traction ratio"	USPAT	OR	OFF	2006/08/21 13:35
S115	1	("5343128").JPN.	USPAT	OR	OFF	2007/05/29 12:58
S116	1	("20040084235").JPN.	US-PGPUB; USPAT	OR	OFF	2007/05/29 13:29
S117	0	S116 and (torque with arm)	USPAT	OR	OFF	2007/05/29 13:30
S118	1	S116 and (torque with arm)	US-PGPUB	OR	OFF	2007/05/29 13:50
S119	16	"traction ratio"	USPAT	OR	OFF	2007/05/29 13:50
S120	338	(180/65.5).CCLS.	USPAT	OR	OFF	2008/04/28 16:13
S121	45	S120 and gap and torque	USPAT	OR	OFF	2008/04/28 16:15
S122	4	S121 and tires	USPAT	OR	OFF	2008/04/28 16:15
S123	1	("7316408").JPN.	USPAT	OR	OFF	2008/04/30 11:40
S124	1	("5438228").JPN.	USPAT	OR	OFF	2008/05/27 10:41

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